



Hine et al 2007

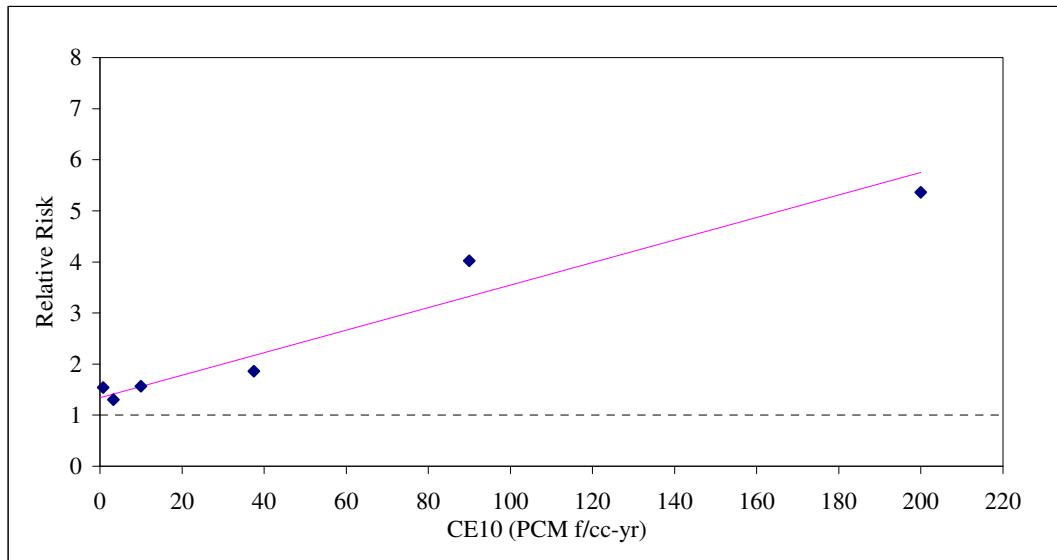
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Lung Cancer Mortality among Chrysotile Asbestos Textile Workers

Charleston, South Carolina Textile Plant

Data are from Table 3

CE10 (PCM f/cc-yr)			Number of Workers	Number of PYAR	Mortality		
Min	Max	Mid			Obs	Exp	RR
0	1.5	0.75	705	26667	34	22.1	1.54
1.5	5	3.25	756	29188	33	25.3	1.30
5	15	10	628	24449	34	21.7	1.57
15	60	37.5	524	20561	35	18.8	1.86
60	120	90	264	10295	37	9.2	4.02
120		200	195	7352	25	4.7	5.36



Finkelstein 1984
Mesothelioma Mortality among Mixed Asbestos Factory Employees
Ontario Cement Factory

Yrs since first exposure		Average Cum. Exp. (f/cc-yr)(b)	Avg Conc (c)	Average Duration (d)	Q	Mortality Rate (a,e)	Observed Deaths (a,f)	PY (g)	Incidence (Im)	Uncertainty Bounds	
Range (a)	Mean									5% LB	95% UB
10-14	12	60	9	6.67	8	0.4	1	2500	4.0E-04	7.0E-05	1.6E-03
15-19	17	60	9	6.67	343	0.4	1	2500	4.0E-04	7.0E-05	1.6E-03
20-24	22	60	9	6.67	1576.3	2.7	5	1852	2.7E-03	1.2E-03	5.3E-03
25-29	27	60	9	6.67	3809.6	6.3	7	1111	6.3E-03	3.3E-03	1.1E-02
30-34	32	60	9	6.67	7043	9.6	3	313	9.6E-03	3.5E-03	2.3E-02

- (a) Data reported in Finkelstein (1984) Table 3.
- (b) Mean cumulative exposure for the cohort reported by Finkelstein 1984 (page 759).
- (c) Average exposure for a subcohort of production workers reported by CHAP 1983
- (d) Calculated as the average cumulative exposure divided by the average concentration (60 / 9).
- (e) Mesothelioma deaths per 1000 person-years of observation.
- (f) Observed mesothelioma deaths based on best evidence classification in production workers.
- (g) Calculated as observed mesothelioma deaths divided by mesothelioma mortality rate.

